PI 534510 to 534519. Hordeum vulgare L. POACEAE Barley

Donated by: Hockett, E.A., USDA-ARS, Plant and Soil Science Department, Montana State University, Bozeman, Montana, United States; and Bowman, H.F., Plant and Soil Science Department, Montana State University, Bozeman, Montana, United States. remarks: Developed cooperatively by USDA-ARS and Montana Agricultural Experiment Station and released 1 November, 1989. Received July 10, 1989.

- PI 534510 origin: United States. pedigree: Betzes(CIho 6398)*7/Engleawnless(CIho 2505). other id: CIho 16575. other id: MT 9533. other id: GP-105. group: CSR-BARLEY. remarks: Two row awnless (short awned) isogenic line in which Lk gene was transferred from Engleawnless. Line has cytoplasm and 99% of recurrent parent. Annual. Breeding Material. Seed.
- PI 534511 origin: United States. pedigree: Betzes(CIho 6398)*7/Engleawnless(CIho 2505). other id: CIho 16576. other id: MT 9535. other id: GP-106. group: CSR-BARLEY. remarks: Two row awned derived (lklk) selection from backcross F3 generation. Provides a measure of genetic similarity between backcross material and recurrent parent. Annual. Breeding Material. Seed.
- PI 534512 origin: United States. pedigree: Compana(CIho 5438)*7/Engleawnless(CIho 2505). other id: CIho 16577. other id: MT 14313. other id: GP-107. group: CSR-BARLEY. remarks: Two row awnless (short awned) isogenic line in which Lk gene was transfered from Engleawnless. Line has cytoplasm and 99 % of genes of recurrent parent. Annual. Breeding Material. Seed.
- PI 534513 origin: United States. pedigree: Compana(CIho 5438)*7/Engleawnless(CIho 2505). other id: CIho 16578. other id: MT 1436. other id: GP-108. group: CSR-BARLEY. remarks: Two row awned derived (lklk) selection from F3 backcross generation. Provides a measure of genetic similarity between backcross material and recurrent parent. Annual. Breeding Material. Seed.
- PI 534514 origin: United States. pedigree: Dekap(CIho 3351)*7/Engleawnless(CIho 2505). other id: CIho 16579. other id: MT 9514. other id: GP-109. group: CSR-BARLEY. remarks: Two row awnless (short awned) isogenic line in which Lk gene was transferred from Engleawnless. Line has cytoplasm and 99% of genes of recurrent parent. Annual. Breeding Material. Seed.